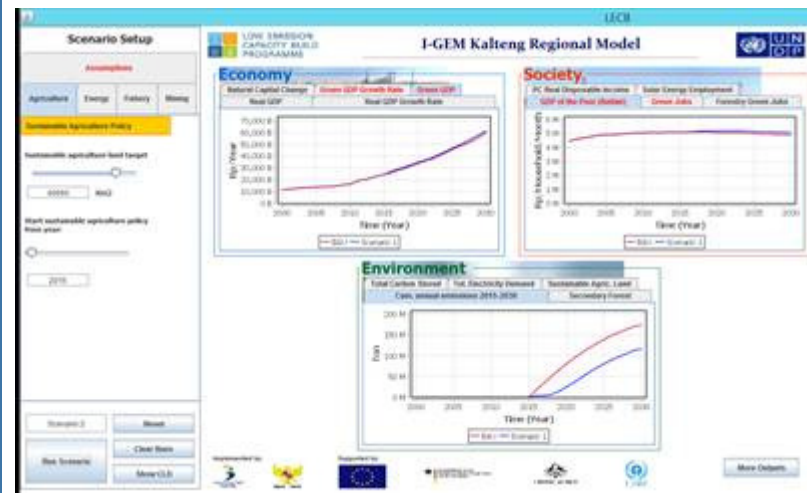




MONTHLY ROUND UP – AUGUST 2014

PROGRAMME AND PROJECT HIGHLIGHTS

Green Economy Model: Tool developed to assess impact of low emission interventions in Indonesia *(contributed by Verania Andria)*



User Interface of Indonesia Green Economy Model (I-GEM) for Central Kalimantan Province. The user interface shows result from simulation of green economy interventions.

LECB Indonesia team has facilitated a capacity building process for the government of Indonesia through development of the Indonesia Green Economy Model (I-GEM, a demo model) and the Provincial Green Economy Model for Central Kalimantan province (I-GEM Kalteng). The utilization of the GE model will allow national and provincial governments to measure the impact of development programmes, such as low emission interventions. The GE model will also serve as a tool for planning and development of informed policy. The GE model is built based on a system dynamic approach, which is able to measure social, economy and environmental macro indicators of a Green Economy.

The national and provincial I-GEM were developed in collaboration with relevant government authorities and stakeholders at the national and provincial level, particularly involving development planning agencies. It has included field data collection and data verification processed. In order to facilitate the users to run the I-GEM, the LECB Indonesia team has developed a friendly User Interface (UI). The UI has been used to run a simulation of green economy interventions in Central Kalimantan province. The simulated interventions mimic implementation of sustainable agriculture land

LECB Global Annual Meeting & MRV Training



14-16 October 2014
Brussels, Belgium

in 40,060 km² area starting in 2015 and the implementation of energy efficiency policy to increase energy efficiency to 30% by 2030 compared to the Business As Usual (BAU) scenario. The results show that the implementation of these green economy interventions increase the Green GDP value (IDR/Year) closer to the conventional GDP, increase GDP of the Poor value (IDR/HH/Month), and reduce cumulative emissions during 2015-2030 (Ton CO₂ eq). The results demonstrate the interventions will be economically, socially and environmentally beneficial through avoidance of depletion/degradation of natural resources (reflected by Green GDP indicator), increase job opportunities in the green sector, raise the income of poor households whose earnings depend on natural resources (reflected by GDP of the Poor and Green Jobs indicators), and reduce the level of greenhouse gases emissions.

LECB Indonesia is planning to conduct training on the use of I-GEM as a development monitoring and planning tool by targeting planners and decision makers in national and Central Kalimantan province. Also, the Jakarta Green Economy Model (I-GEM Jakarta) will be finalized by September 2014 to provide a green economy modeling tool for urban governments. More information and updates to follow.

Workshop for stakeholder consultation for a generic MRV system for climate change mitigation actions from Chile *(contributed by Sophie Siemens)*



On the 5th of August, a workshop for key stakeholder consultation took place with participants from diverse sectors to begin implementation of design and facilitation of institutional arrangements and technical requirements for a National Measurement, Reporting and Verification (MRV) Framework for mitigation actions in Chile.

The project is a joint initiative receiving financial support from the British Government through the Prosperity Fund and co-funded by the LECB-Chile Project to develop the first draft of the design for a general MRV process to be used by all sectors involved in the elaboration of nationally appropriate mitigation actions (NAMAs). The main objective of the workshop was to present to the key stakeholders a first

Another round of congratulations to LECB countries who submitted to the NAMA Facility!!
Let's raise our hands to our colleagues in:



draft proposal of the institutional arrangements for a generic MRV framework of NAMAs in Chile and validate on a technical level the institutional processes embraced by this structure.

The Climate Change Office from the Ministry of Environment has identified its desire to have a generic MRV framework for the entire country that defines the different processes and minimum requirements that a NAMA should contemplate to measure, report and verify the estimated GHG emission reductions and co-benefits. There is a fundamental need to be able to measure the progress that these mitigation actions have achieved related to GHG reductions in order to account for them as part of the compliance of the national voluntary goal of Chile to reduce emissions by 20% by 2020, in relation to the baseline scenario projected from 2007.

At the workshop, the main elements of a proposal made by the consulting company Ricardo AEA were discussed together with the experts from sectors that already have developed a NAMA (waste, renewable energy, forestry, clean production and transport), as well as from sectors that are just beginning the process. During the second part of the workshop participants were separated into working groups for the transport, agriculture and renewable energy sectors to define a map of the causal chain of the impacts from their NAMAs.

Chile is one of the leading countries in the region in analyzing potential climate change mitigation actions. Proof of this is the participative process that is evaluating different scenarios of mitigation opportunities developed by the MAPS Chile project and also through the portfolio of NAMAs that the country possesses.



Learning with LECB at the Green Voice Indonesia Event *(contributed by Puspa Kartika W.)*



In celebrating the 69th Independence Day of Indonesia, the Indonesia Climate Change Center held an event where the stakeholders who work in art, science and education were encouraged to mainstream the green issues into their agenda.

The event included workshops, exhibitions, music concerts and a street food festival. The LECB Indonesia Project took part in the exhibition session and used the opportunity to showcase the work under the LECB Indonesia Project.

As the event took place at the University of Education Indonesia, the team focused on the learning process and awareness raising activities around low emission and energy efficiency activities. The majority of audience members were students coming from different thematic areas of study.

To reach the audience, pop quizzes were raised related to the issues of energy efficiency specifically or environment issues in general, and interesting goodies were offered to those who had the right answers. This engaging activity led to further discussion and spurred conversation about activities under the LECB Indonesia Project, which included how academics such as themselves can learn and contribute.

The LECB Indonesia Project team used this opportunity to introduce an E-Learning platform that will soon be launched which includes online courses that aim to help all stakeholders and academics to have a basic knowledge about Green Economy, Nationally Appropriate Mitigation Actions (NAMAs), and Measurement, Reporting and Verification (MRV). More information to follow in the September Monthly Round Up.

National greenhouse gas inventory system process underway in Uganda

The UNDP LECB Uganda Project and the Climate Change Department/Ministry of Water and Environment of Uganda have embarked on a process towards establishing a National Greenhouse Gas (GHG) Inventory System; a process which has already brought together over 30 individuals from the government, non-governmental organizations and the private sector in a series of workshops aimed at developing awareness, institutional frameworks, and technical skill.



“Uganda has a mandate to report to the UNFCCC and this requires data that is accurate and easy to understand. I am calling on all representatives from different agencies to take keen interest and learn how the system works so that we are able to report correct data when the time for reporting is due,” Chebet Maikut, Deputy Coordinator, Climate Change Department, Ministry of Water and Environment said in his opening remarks at the first of two recent training workshops.

The workshops focused on training participants on various aspects of developing the inventory system. The first workshop, held late July, focused on establishing GHG sectoral working groups and training them on institutional arrangements and data collection procedures. The second one, held in Entebbe, trained participants in data compilation, methods and emission factors, estimating and calculating CO₂ by sources and removals by sinks using the IPCC software and the data provided by each sector. Read more about the two trainings [here](#)

Apart from supporting the set-up of the

GHG inventory system for Uganda, the LECB Uganda Project has also supported the development of concept notes for eight Nationally Appropriate Mitigations Actions (NAMAs) which are expected to mitigate CO2 emissions and contribute to sustainable development in Uganda. An built in Measuring, Reporting and Verification (MRV) system is also being developed to support these NAMAs.

Resource: Upcoming webinar presenting the Transport Toolkit, 17 September 2014

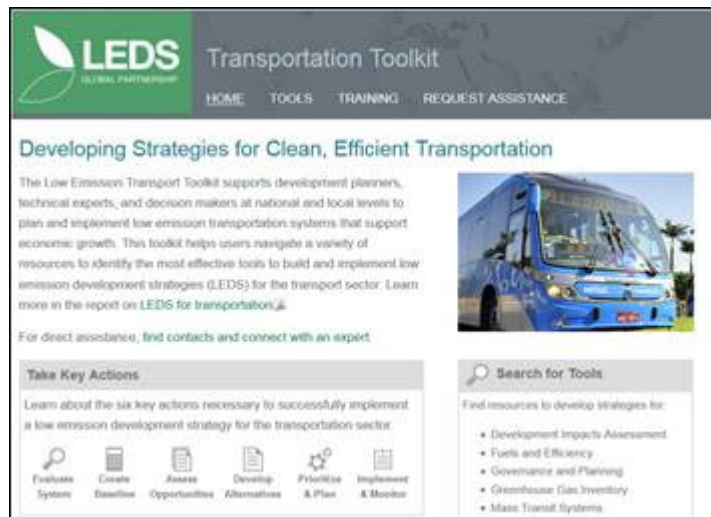
The LEDS Global Partnership (GP) and The Transport Sector Working Group are hosting a webinar-based training on the Low Emission Transport Toolkit, Wednesday, 17 September.

The Low Emission Transport Toolkit supports development planners, technical experts, and decision makers at national and local levels as they plan and implement low emission transportation systems that sustain economic growth. Additional information on the Toolkit is available via the Transport Toolkit blog [here](#).

The webinar will provide an overview for using and advancing the Toolkit, and it will also serve as the official launch of the website. The webinar will feature a distinguished panelist:

- Navid Ahdieh, Project Leader at the National Renewable Energy Laboratory (NREL).

The presentation will be followed by a question-and-answer session. We encourage LECB colleagues focused on or interested in mitigation actions in the transport sector to review the Transport Toolkit and attend the webinar. The register click [here](#).



lowemission@undp.org



www.lowemissiondevelopment.org



<https://undp.unteamworks.org/node/21257>



+1.212.906.6905